

ABSTRACT

An integrated circuit including an output pad, an output block coupled to the output pad via a capacitor, a first one-way conduction element for connecting the pad to a supply line when the voltage on the pad exceeds the voltage of the supply line by a first threshold voltage, a second one-way conduction element for connecting the pad to the circuit ground when the voltage on the pad is smaller than the ground voltage by a second threshold voltage, a resistor coupled on the one hand to the output pad and on the other hand to the supply line via a switch which is turned off when the circuit is idle and which is turned on when the circuit is in a normal operating mode.